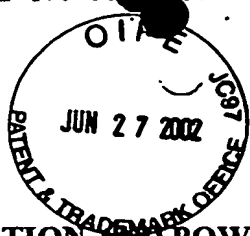


COPY COMPERS
ORIGINALLY FILEDATTORNEY DOCKET NO. 50P4533.01

DECLARATION AND POWER OF ATTORNEY FOR NEW PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe that I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled System and Method for Timeshifting the Encoding/Decoding of Audio/Visual Signals in Real-time

the specification of which:

☐ is attached hereto.

☒ was filed on 12/11/01 as serial no. 10/014,732.

and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a Filing date before that the application on which priority is claimed.

Foreign Application(s), if any, for Patent or Inventor's Certificated Filed Within 12 Months Prior to the Filing Date of This Application:

<u>Country</u>	<u>Application No.</u>	<u>Date of Filing</u> (day, month, year)	<u>Priority Claimed</u> <u>Under 35 U.S.C. §119</u>
_____	_____	_____	<input type="checkbox"/> YES <input type="checkbox"/> NO
_____	_____	_____	<input type="checkbox"/> YES <input type="checkbox"/> NO
_____	_____	_____	<input type="checkbox"/> YES <input type="checkbox"/> NO

All Foreign Applications, if any, for Patent or Inventor's Certificate Filed More Than 12 Month's Prior to the Filing Date of This Application:

<u>Country</u>	<u>Application No.</u>	<u>Date of Filing</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Page 2.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed</u>
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §119 of any United States provisional application(s) listed below.

U.S. Provisional Application Number

Filing Date

60/254,951

12/11/00

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the Filing date of the prior application and the national or PCT international Filing date of this application.

Application
Serial No.

Date of Filing

Status
(patented, pending abandoned)

_____	_____	_____
_____	_____	_____
_____	_____	_____

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

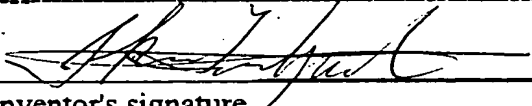
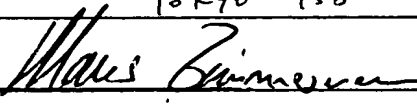
Harold T. Fujii, Reg. No. 38,458
Frederick J. Zustak, U.S. Reg. No. 36,728
Milton M. Frazier, Reg. No. 44,687
Ronald C. Card, Reg. No. 44,587
Aditya Krishnan, Reg. No. 41,531

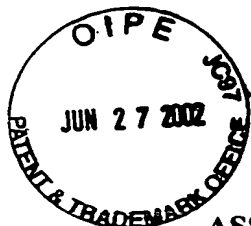
Page 3

Send Correspondence and direct telephone calls to:

Sony Electronics Inc.
 16450 West Bernardo Drive, MZ 7190
 San Diego, CA 92127-1898
 Telephone: (408) 955-6331 Fax: (408) 955-5490

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the U. S. Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

		5 / 7 / 2002
Inventor's signature		Date
Ikuo Tsukagoshi		
Name of sole or first inventor		
718 Old San Francisco Road, Sunnyvale, CA 94086	USA	JAPAN
Residence		Citizenship
Post Office Address	Current Address: 4-20-29-102 Tamagawa Setagaya-Ku Tokyo 158-0094 JAPAN	
Inventor's signature		Date
Klaus Zimmerman		MAY 17, 2002
Name of second inventor		
1700 N. First Street #143, San Jose, CA 95112	USA	GERMANY
Residence		Citizenship
KIRCHSTR. 134, 73779 DEIZISAU, GERMANY		
Post Office Address		



COPY OF PAPERS
ORIGINALLY FILED

Docket No. 50P4533.01

ASSIGNMENT RECORDATION COVER SHEET

To the Commissioner for Patents. Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):
Ikko Tsukagoshi; Klaus Zimmermann

Additional names attached? ☒ NO ☐ YES

2. Name and address of receiving party(ies):
- | | |
|----------------------------|------------------------|
| Sony Corporation | Sony Electronics Inc. |
| 7-35 Kitashinagawa 6-Chome | 1 Sony Drive |
| Shinagawa-Ku | Park Ridge, New Jersey |
| Tokyo, Japan | 07656 |

Additional names and addresses attached? ☒ NO ☐ YES

3. Nature of Conveyance:
- ☒ Assignment ☐ Security Agreement ☐ Merger
☐ Change of Name ☐ Other _____

Execution Date: 5/7/02; 5/17/02

4. Application number(s) or patent number(s): 10/014,733
If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent application numbers:

B. Patent numbers:

Additional numbers attached? ☒ NO ☐ YES

5. Name and address of party to whom correspondence concerning document should be mailed:

Sony Electronics Inc.
Intellectual Property Dept., MZ 7190
16450 West Bernardo Drive
San Diego, CA 92127-1898
(858) 942-2897 FAX # (858) 942-7120

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

☐ Enclosed

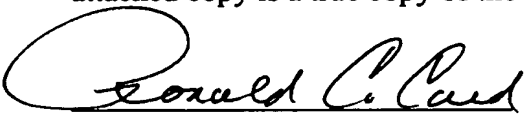
☒ Authorized to charge to deposit account.

☒ Charge any additional fees required to deposit account.

8. Deposit Account Number: 19-3195

9. Statement and signature:

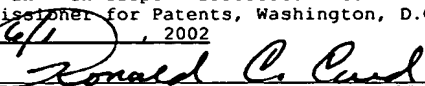
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.


Ronald C. Card


Signature

6/2/02
Date

Total number of pages including cover sheet: 4

<p align="center"><u>CERTIFICATE OF MAILING</u></p> <p>I hereby certify that this document and any document referenced herein is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on: <u>6/1</u>, 2002</p> <p>By:  Ronald C. Card, Reg. No. 44,587</p>
--

ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in System and Method for Timeshifting the Encoding/Decoding of Audio/Visual Signals in Real-time for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo, Japan and Sony Electronics Inc. a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656 (hereinafter referenced as ASSIGNEES) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEES thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

And I hereby authorize and request my attorney(s) of record in this application to insert the execution date, serial number and filing date of this application in the spaces that follow: Serial Number: 10/014,732, Filing Date: December 11, 2001.

This assignment executed on the dates indicated below.

<u>Ikuo Tsukagoshi</u>		Execution date of U.S. Patent Application	
Name of first inventor			
<u>718 Old San Francisco Road, Sunnyvale, CA 94086</u>		<u>USA</u> <u>JAPAN</u>	
Residence of first or sole inventor			
<u>[Signature]</u>		Date of this assignment	
Signature of first or sole inventor		Current Address:	
		<u>4-20-29-102 Tamagawa</u>	
		<u>Setagaya-Ku</u>	
		<u>Tokyo 158-0094 JAPAN</u>	
STATE OF _____			
COUNTY OF _____ ss.			

On this _____ day of _____ in the year of _____ before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.

Notary Public

Assignment
Page 2

Klaus Zimmerman

Name of second inventor KIRCHSTR. 134, 73779 DEIZISAU, GERMANY Execution date of U.S. Patent Application

1700 N. First Street #243, San Jose, CA 95112 USA

Residence of second inventor

Klaus Zimmerman
Signature of second inventor

MAY 17, 2002

Date of this assignment

STATE OF _____)

COUNTY OF _____) ss.

On this _____ day of _____, in the year of _____, before me, the undersigned notary public, personally appeared the above-named assignors, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged execution of this instrument.

Notary Public _____

ASSIGN-NOTARY-SEL 02/02